

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 19.28**WELDING INSPECTION REPORT****Resident Engineer:**Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-012245**Date Inspected:** 24-Feb-2010**Project Name:** SAS Superstructure**OSM Arrival Time:** 1300**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 2130**Contractor:** American Bridge/Fluor Enterprises, a JV**Location:** Job Site**CWI Name:** M. Johnson & J. Cayabyab**CWI Present:** Yes No**Inspected CWI report:** Yes No N/A**Rod Oven in Use:** Yes No N/A**Electrode to specification:** Yes No N/A**Weld Procedures Followed:** Yes No N/A**Qualified Welders:** Yes No N/A**Verified Joint Fit-up:** Yes No N/A**Approved Drawings:** Yes No N/A**Approved WPS:** Yes No N/A**Delayed / Cancelled:** Yes No N/A**Bridge No:** 34-0006**Component:** Orthotropic Box Girders**Summary of Items Observed:**

At the start of the shift the Quality Assurance Inspector (QAI) traveled to the project site and observed the following work performed by American Bridge/Fluor (AB/F) personnel at the E1/E2 field splice:

A). Field Splice E1 to E2.

At approximately 1430 the QAI was informed by William Levell, QA Lead Inspector, that the AB/F Weld Repair Procedure identified as Report Number 201002-002 submitted by Welding Quality Control Manager (WQCM) James Bowers was verbally approved to proceed with the repair of the longitudinal cracks located at Weld Number (WN) 1E-2E between weld segments D2 through D8, D16 and D17.

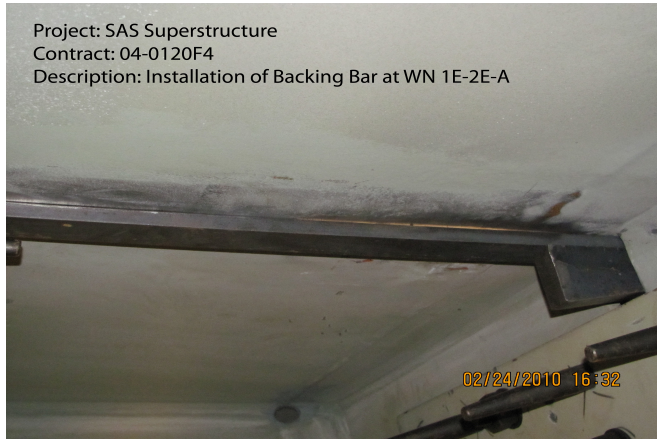
At approximately 1500 the QAI was informed by the Quality Control (QC) Inspector, Mike Johnson that the repair welding and production welding operation of the WN 1E-2E was canceled for the balance of the shift. Assistant Welding Supervisor, Daniel Ieraci utilized the welding personnel to complete the installation of the induction heating system on the exterior side of the bottom plate splice (WN 1E-2E).

Later in the shift the QAI observed the installation of the backing bar at the deck plate identified as WN 1E-2E. The installation of the backing bar was performed by AB/F personnel Rick Clayborn, Al McDaniel and Mitch Sittinger. The work performed on this date was not completed during this shift.

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See digital photographs below in regards to the work observed during this shift.



Summary of Conversations:

There were no pertinent conversations were discussed in regards to the project.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Mohammad Fatemi (916) 813-3677, who represents the Office of Structural Materials for your project.

Inspected By:	Reyes,Danny
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Quality Assurance Inspector

Reviewed By:	Levell,Bill
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QA Reviewer
